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		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L30	L29 and l4	26
☐	L29	(minimiz$3 or eliminat$3 or mitigat$4) near3 (cross adj talk$3) and ((differential near3 line$ near3 (driver$2 or transmitter$ or receiver$ or transceiver$))) and ((common near2 mode$) or (unbalanc$3 near2 mode$) or (single near4 mode$))	35
☐	L28	(minimiz$3 or eliminat$3 or mitigat$4) near3 (cross adj talk$3) near5 ((differential near3 line$ near3 (driver$2 or transmitter$ or receiver$ or transceiver$)))	0
☐	L27	((l25 or l1) and l4) not (l17 or l18 or l13 or l21)	341
☐	L26	(minimiz$3 or eliminat$3 or mitigat$4) near3 ((cross adj talk$3) or noise or interferenc$2) same ((differential near3 line$ near3 (driver$2 or transmitter$ or receiver$ or transceiver$)))	22
☐	L25	(minimiz$3 or eliminat$3 or mitigat$4) near3 ((cross adj talk$3) or noise or interferenc$2) and ((differential near3 line$ near3 (driver$2 or transmitter$ or receiver$ or transceiver$)))	215
☐	L24	(minimiz$3 or eliminat$3 or mitigat$4) near3 ((cross adj talk$3) or noise or interferenc$2) and ((mulitple$ or pluralit$3) near4 (differential near3 line$ near3 (driver$2 or transmitter$ or receiver$ or transceiver$)))	2
☐	L23	((cross adj talk$3) or noise or interferenc$2) same ((mulitple$ or pluralit$3) near4 (differential near3 line$ near3 (driver$2 or transmitter$ or receiver$ or transceiver$)))	3
☐	L22	l21 not (l17 or l18 or l13)	168
☐	L21	L20 and l4	220
☐	L20	((cross adj talk$3) or noise or interferenc$2) same (differential near3 line$ near3 (driver$2 or transmitter$ or receiver$ or transceiver$))	274
☐	L19	5978417.pn. or 6130575.pn. or 6400616.pn. or 6534716.pn. or 6826390.pn.	10
☐	L18	L17 and l4	69
☐	L17	(filter$3 near4 (differential near3 line$ near3 (driver$2 or transmitter$ or receiver$ or transceiver$)))	87
☐	L16	(filter$3 near4 (differential near3 line$ near3 (driver$2 or transmitter$ or receiver$ or trasceiver$)))	87
☐	L15	(filter$3 near4 (differential near3 line$ near3 (driver$2 or transmitter$ or receiver$))) and (unbalance$2$3 or (non adj differential$2))	2
☐	L14	(filter$3 near4 (differential near3 line$ near3 (driver$2 or transmitter$ or receiver$))) same (unbalance$2$3 or (non adj differential$2))	0
		L12 and (375/$4.ccls. or 333/$4.ccls. or 327/$4.ccls. or 379/$4.ccls. or 307/	

☐	L13	$5.ccls.)	93
☐	L12	L10 and l4	355
☐	L11	L10 and l4 and l5	7
☐	L10	((differential$3 or balance$2) near3 (mode or dirver$2 or transmitter$ or transceiver$)) same ((unbalance$2$3 or (non adj differential$2)) near3 (mode or transmitter$ or transceiver$ or driver$))	497
☐	L9	((differential$3 or balance$2) near3 (mode or dirver$2 or transmitter$ or transceiver$)) same ((unbalance$2$3 or (non adj differential$2)) near3 (mode or transmitter$ or transceiver$)) same (plug$4 or swap$3 or (line$ near2 card$))	7
☐	L8	((differential$3 or balance$2) near3 (mode or dirver$2 ortransmitter$ or transceiver$)) same ((unbalance$2$3 or (non adj differential$2)) near3 (mode or transmitter$ or transceiver$)) same (plug$4 or swap$3 or (line$ near2 card$))	6
☐	L7	L6 and l4	20
☐	L6	((differential$3 or balance$2) near3 (mode or transmitter$ or transceiver$)) same ((unbalance$2$3 or (non adj differential$2)) near3 (mode or transmitter$ or transceiver$)) same (filter$3)	39
☐	L5	333/18.ccls. or 333/28R.ccls. or 375/219.ccls. or 375/220.ccls. or 375/222.ccls. or 375/285.ccls. or 375/295.ccls. or 375/296.ccls. or 375/346.ccls. or 375/350.ccls.	14388
☐	L4	@ad<=20040330	25771191
☐	L3	((differential$3 or balance$2) near3 (mode or transmitter$ or transceiver$)) same ((unbalance$2$3 or (non adj differential$2)) near3 (mode or transmitter$ or transceiver$)) same (plug$4 or swap$3 or (line$ near2 card$))	7
☐	L2	((differential$3 or balance$2) near3 (mode or transmitter$ or transceiver$)) same ((unbalance$2$3 or (non adj differential$2)) near3 (mode or transmitter$ or transceiver$)) same (backplane$)	0
☐	L1	((differential$3 or balance$2) near3 (mode or transmitter$ or transceiver$)) same ((unbalance$2$3 or (non adj differential$2)) near3 (mode or transmitter$ or transceiver$))	494

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☐	L10	L9 and l7	76
☐	L9	(((single$ near2 mode) or (common near2 mode$)) near3 (driver$ or transmitter$ or transceiver$ or receiver$)) and (cross near3 talk)	109
☐	L8	L7 and L6	32
☐	L7	@ad<=20040330	25771191
☐	L6	(((single$ near2 mode) or (common near2 mode$)) near3 (transmitter$ or receiver$ or transceiver$)) and(differential$3 near4 (cable$ or wire$ or line$)) and (cross near3 talk)	48
☐	L5	(((single$ near2 mode) or (common near2 mode$)) near3 (transmitter$ or receiver$ or transceiver$)) same (differential$3 near4 (cable$)) and (cross near3 talk)	0
☐	L4	(((single$ near2 mode) or (common near2 mode$)) near3 (transmitter$ or receiver$ or transceiver$)) same (differential$3 near4 (line$ or wire$$)) and (cross near3 talk)	9
☐	L3	(((single$ near2 mode) or (common near2 mode$)) near3 driver$) same (differential$3 near4 (line$ or wire$$)) and (cross near3 talk)	5
☐	L2	((((single$ near2 mode) or (common near2 mode$)) near3 driver$) same (differential$3 near3 mode$ near3 driver$)) and (cross near3 talk)	3
☐	L1	(((single$ near2 mode) or (common near2 mode$)) near3 driver$) same (differential$3 near3 mode$ near3 driver$) same (cross near3 talk)	0

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		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L8	L7 and l6	32
☐	L7	@ad<=20040330	25771191
☐	L6	(((single\$ near2 mode) or (common near2 mode\$)) near3 (transmitter\$ or receiver\$ or transceiver\$)) and(differential\$3 near4 (cable\$ or wire\$ or line\$)) and (cross near3 talk)	48
☐	L5	(((single\$ near2 mode) or (common near2 mode\$)) near3 (transmitter\$ or receiver\$ or transceiver\$)) same (differential\$3 near4 (cable\$)) and (cross near3 talk)	0
☐	L4	(((single\$ near2 mode) or (common near2 mode\$)) near3 (transmitter\$ or receiver\$ or transceiver\$)) same (differential\$3 near4 (line\$ or wire\$\$)) and (cross near3 talk)	9
☐	L3	(((single\$ near2 mode) or (common near2 mode\$)) near3 driver\$) same (differential\$3 near4 (line\$ or wire\$\$)) and (cross near3 talk)	5
☐	L2	((((single\$ near2 mode) or (common near2 mode\$)) near3 driver\$) same (differential\$3 near3 mode\$ near3 driver\$)) and (cross near3 talk)	3
☐	L1	(((single\$ near2 mode) or (common near2 mode\$)) near3 driver\$) same (differential\$3 near3 mode\$ near3 driver\$) same (cross near3 talk)	0

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#3   (((line* <near/2> (driver* <or> transmitter* <or> receiever* <or> transceiver*)) <sentence> (swap* <or> plug* <or> card*)) <in>metadata)

#4   (((line* <near/2> (driver* <or> transmitter* <or> receiever* <or> transceiver*)) <sentence> (swap* <or> plug* <or> card*)) <in>metadata)

#5   (((line* <near/2> (driver* <or> transmitter* <or> receiever* <or> transceiver*)) <sentence> (swap* <or> plug* <or> card*)) <in>metadata)

#6   (((line* <near/2> (driver* <or> transmitter* <or> receiever* <or> transceiver*)) <sentence> (swap* <or> plug* <or> card*)) <in>metadata)

#7   (((differential* <near/3> (driver* <or> transmitter* <or> receiever* <or> transceiver*)) <sentence> (swap* <or> plug* <or> card*))<in>metadata)

#8   (((differential* <near/3> (driver* <or> transmitter* <or> receiever* <or> transceiver*)) <and> (swap* <or> plug* <or> card*))<in>metadata)

#9   (((differential* <near/3> (driver* <or> transmitter* <or> receiever* <or> transceiver*)) <and> (swap* <or> plug* <or> card*))<in>metadata)

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Jin-Wook Kwon; Joong-Hee Lee; Jae-Myung Baek; Joo-Chul Cho; Ja-Won Se·
Park; Jung-Kee Lee; Yun-Kyung Oh; Dong-Hoon Jang;
<u>Photonics Technology Letters, IEEE</u>
Volume 17, Issue 7, July 2005 Page(s):1519 - 1521
Digital Object Identifier 10.1109/LPT.2005.850007

<u>AbstractPlus</u> | <u>References</u> | Full Text: <u>PDF</u>(367 KB)   **IEEE JNL**
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☐ 2. **Asynchronous and Timing Jitter Insensitive Data Echo Cancellation**
Messerschmitt, D.;
<u>Communications, IEEE Transactions on [legacy, pre - 1988]</u>
Volume 34, Issue 12, Dec 1986 Page(s):1209 - 1217

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☐ 3. **Technical and commercial perspective of 40 Gbs transmission**
Mamyshev, P.; Rasmussen, C.; Mikkelsen, B.;
<u>Lasers and Electro-Optics Society, 2004. LEOS 2004. The 17th Annual Meetin</u>
Volume 2, 7-11 Nov. 2004 Page(s):685 - 686 Vol.2
Digital Object Identifier 10.1109/LEOS.2004.1363424

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☐ 4. **40-Gb/s upgradability of 10-GB/S systems**
Mamyshev, P.; Rassmussen, C.; Mikkelsen, B.;
<u>Advanced Modulation Formats, 2004 IEEE/LEOS Workshop on</u>
1-2 Jul, 2004 Page(s):23 - 24
Digital Object Identifier 10.1109/ADMF.2004.1321702

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☐ 1. **Fast wire per wire X-ray data acquisition system for time-resolved small experiments**
Epstein, A.; Briquet-Laugier, F.; Sheldon, S.; Boulin, C.;
Nuclear Science, IEEE Transactions on
Volume 47, Issue 2, Part 1, April 2000 Page(s):70 - 74
Digital Object Identifier 10.1109/23.846120
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☐ 2. **Fast wire per wire X-ray data acquisition system for time-resolved small experiments**
Epstein, A.; Briquet-Laugier, F.; Sheldon, S.; Boulin, C.;
Real Time Conference, 1999. Santa Fe 1999. 11th IEEE NPSS
14-18 June 1999 Page(s):33 - 37
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☐	L5	((swap$4 or plug$4 or (line near2 card$)) near6 ((unbalanc$3) near3 (driver$2 or transmitter$2 or receiver$2 or transceiver$2)))	0
☐	L4	((swap$4 or plug$4 or (line near2 card$)) near6 ((non adj differential$3) near3 (driver$2 or transmitter$2 or receiver$2 or transceiver$2)))	0
☐	L3	((swap$4 or plug$4 or (line near2 card$)) near6 (differential$3 near3 (driver$2 or transmitter$2 or receiver$2 or transceiver$2)))	20
☐	L2	((swap$4 or plug$4 or (line near2 card$)) near6 (differential$3 near3 line$ near3 (driver$2 or transmitter$2 or receiver$2 or transceiver$2)))	2
☐	L1	((swap$4 or plug$4) near6 (differential$3 near3 line$ near3 (driver$2 or transmitter$2 or receiver$2 or transceiver$2)))	1

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☐	L1	((plug$4 or swap$4) near4 (differential$4 near3 (driver$ or transceiver$ or transmitter$ or receiver$)))	9

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